Umesh Manikanta Dhulipalla

1-53, Gannavaram,Yeddanapudi(M),Bapatla(D),Andhra Pradesh

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Education

Indian Institute of Technology, Madras, (CGPA:9.89) — **july, 2023 – May 2026**
B.Sc In Data Science (Online Degree) — *Chennai, Tamil Nadu*

Indian Institute of Information Technology ,Nagpur, (CGPA:9.72) — **Sep. 2022 – May 2026**
Bachelor of Technology in Computer Science (Specialization in Data Science) — *Nagpur, Maharashtra*

Narayana Junior College, (PER :97%) — **july, 2020 – May 2022**
Class 12 — *Vijayawada,AndhraPradesh*

Dreamz High School, (PER :98%) — **july, 2019 – May 2020**
Bachelor of Technology in Computer Science (Specialization in Data Science) — *Pusapadu ,AndhraPradesh*

Relevant Coursework

- Machine Learning
- Artificial Intelligence
- Deep Learning
- Data Structures
- Algorithms Analysis
- Data Analysis
- Web Development
- Object Oriented Programming
- Operating Systems
- DataBase Management Systems
- Computer Network

Projects

Network Pharmaology | *python* — **Currently woring**
- Working on a real-time project in network pharmacology, focusing on drug repurposing through link prediction, with clinical trials planned post-completion.
- Aiming to discover new therapeutic applications for existing drugs by leveraging data-driven analysis and network-based approaches.

Business Data Management of a Pharmacy | *Python* — **August 2024**
- The project is about analysis business, and help the business to manage inventory, increase revenue and extend their branches.
- The outcomes of the project helped the business to improve their sales, manage their inventory properly.

CrimeCast: Forecasting Crime Categories | *Python* — **September 2024**
- Developed a machine learning model to predict future crime categories based on historical data, enabling proactive law enforcement strategies.
- Implemented data-driven analysis to enhance accuracy in forecasting crime trends, supporting resource allocation and crime prevention efforts.

Clone of Co-Win Website | *HTML, CSS, JavaScript, Php* — **June 2023**
- Engineered a replica of the Co-WIN platform, incorporating core functionalities such as user registration, authentication, appointment scheduling, and vaccination center search using HTML, CSS, and JavaScript for frontend development, and PHP for backend.

Exploratory Data Analysis on Deforestation in India | *python* — **November 2023**
- Conducted Exploratory Data Analysis on Indian deforestation data (2010-2020) using Python in Jupyter Notebook.
- Utilized Pandas, Matplotlib, and Seaborn to analyze trends and derive insights for conservation strategies.

Medical Shop Management | *C, Excel, Visual Studio Code* — **March 2023**
- Developed a Medical Shop Management System in C, utilizing Excel file handling for inventory, sales tracking, and customer database management.

Technical Skills

Languages: Python, SQL, Cpp,Java, C, HTML/CSS
Developer Tools: VS Code, Jupyter Notebook, Google Colab, Power BI, Tableau
Technologies/Frameworks: Linux, kaggle, GitHub, MS office

Leadership / Extracurricular

Coding

- 3- Star Coder at CodeChef
- Max-1177 Rating in Codeforces
- Solved 100+ Questions on Leetcode